

Message (Digitally Signed)

From: Hamilton, John (IHS/PHX) [John.Hamilton@ihs.gov]
Sent: 5/6/2015 3:52:30 PM
To: Lee, Bessie [Lee.Bessie@epa.gov]
Subject: RE: Summary of the Hopi Water Infrastructure Call, April 2, 2015
Attachments: smime.p7s

Bessie,

Wow! Sorry about that. You should be first on the list. Talk to you tomorrow at 9:30am.

John

From: Lee, Bessie [mailto:Lee.Bessie@epa.gov]
Sent: Wednesday, April 29, 2015 7:29 AM
To: Hamilton, John (IHS/PHX)
Subject: FW: Summary of the Hopi Water Infrastructure Call, April 2, 2015

Guess what? I don't think I am on your distribution list for the notes. I could not find an e-mail from you on Friday, April 24. I did a quick scan through your distribution list and cannot find my name. Maybe I should add my name to the distribution list.

Bessie

From: Hamilton, John (IHS/PHX) [mailto:John.Hamilton@ihs.gov]
Sent: Monday, April 27, 2015 1:07 PM
To: Lorena Naseyowma
Cc: Lee, Bessie
Subject: RE: Summary of the Hopi Water Infrastructure Call, April 2, 2015

Thanks for the update Lorena. I'll forward your suggestion to Bessie, as my email list is from her call invitation list.

John

From: Lorena Naseyowma [mailto:lnaseyowma@frontiernet.net]
Sent: Monday, April 27, 2015 11:57 AM
To: Hamilton, John (IHS/PHX)
Subject: RE: Summary of the Hopi Water Infrastructure Call, April 2, 2015

John, for some reason I did not jot down the call-in number so I didn't participate. It might be a good idea to see if all these people on the list are still affiliated with this project. Royce Jenkins has not been with the Tribe for several months now. King Honani is no longer CSA at Sipaulovi. Lorena

From: Hamilton, John (IHS/PHX) [mailto:John.Hamilton@ihs.gov]
Sent: Friday, April 24, 2015 2:31 PM
To: Belma Navakuku; Bonnie Secakuku; Rea, Brad (IHS/PHX); Bruce Fredericks; Carmelita Coochyumtewa; Carrie Sakeva; Christine Tawahongva; Chuck Villa; Clayton Honyumtewa; Cristal Quinn; Dennis Rodriguez; Eldine Stevens; Elizabeth Wadsworth; Elmer Douma; Matson, Eric (IHS/PHX); Everett Calnimptewa; Frederick Tack; Gail Poley; Garlyn Navakuku; GSHonanie@hopi.nsn.us; Herman Honanie; Howell, Adam; Ivan Sydney; Jack Sullivan; Jacquelyn Lamson; Jaylene Adakai Sanchez; DeCoteau, Jesse (IHS/PHX); John Graves; John Krause; Joseph Davis; Kathlene Sumatzkuku; Kerry Brough (kbrough@cox.net); Kim Secakuku; King Honani Sr.; Kristin Sieweyumtewa; Leroy Sumatzkuku; Leslie Nasingoetewa; Li, Corine; Lillian Dennis; Monte Roessel; Patrick Thompson; PERKINS, SUSANNE; Phyllis Wittsell; Randy Wolff; Robert Carruth; Lorenz, Robert (IHS/PHX); Robert Mahkewa; Ronald Wadsworth; Royce Jenkins; Sandy Whitehair (swhitehair@songoopavi.org); Selwyn Sekaquaptewa; Sherilyn Honanie; Shungopavi Administration; Susan Secakuku;

Suzanne Jamison; UMowa@hopi.nsn.us; Upper Moenkopi; Vern Mansfield; Wendell Honanie; Yvonne Day; Yvonne Hoosava; Micah Lomaomvaya; lpuhuyesva@hopi.nsn.us; Lorena Naseyowma; Loretta Orona; Lynette Pollari; Marlene Walker (marlene.walker@bie.edu); Marvin Naqua-Hyeoma; Mary Navanick; Melvin Todacheene; Michael Janes; Mike Luecker; Yazzie, Lydell (IHS/PHX); Cedric Kuwaninvaya (cnkuwaninvaya@yahoo.com)

Subject: Summary of the Hopi Water Infrastructure Call, April 2, 2015

Next Call - The next call is Thursday, May 7, 2015 at 9:30 a.m. Hopi Time. Bessie Lee will forward the call-in information.

Participating in the April 2, 2015 call were:

Hopi Water Resources Program - Lionel Puhuyesva

Hopi Finance – Yvonne Day and Marie Nachie

IHS –Brad Rea, Eric Matson, and Jessie DeCoteau

BIA – Wendell Honanie

USDA - Loretta Orona

Upper Moenkopi – Councilman LeRoy Sumatzkuku, Governor Lewis and Cedric Kuwaninvaya, CSA

Shungopavi – Sandy Whitehair, CSA, Christine Tawahongva, Mark Joseph, and Vern Mansfield

Consultant – Bill Bettenberg

USEPA - Bessie Lee and John Hamilton

Discussion of the BIA Keams Canyon wastewater treatment lagoons NPDES violation may be initiated in next month's call.

Hopi Arsenic Mitigation Project (HAMP)

Jesse DeCoteau is the new IHS project engineer, replacing Adam Hughes who transferred to the Tucson Area IHS. Jesse has been getting oriented to the HAMP through discussions with Adam, Robert Lorenz and Brad Rea and by reviewing files and project documents, including the water model, PER, EA and Strategic Plan.

Rick Rivers has been assigned as IHS project engineer for the E90 planning project that will study the feasibility and cost for potential HAMP extensions to the BIA/BIE Second Mesa Day School, the Hopi Jr/Sr High School and the Keams Canyon community. The Hopi Tribal Council had passed a resolution approving and funding (\$21,000 of tribal funds) the E90 project. At the present time, the Project Summary and Memorandum of Agreement have been completed by IHS and signed by the Hopi Tribe. The documents have been forwarded to OFMC (BIA) for signature by the Director. OFMC had previously approved and signed the Interagency Agreement between IHS and BIA, although BIA funds for the project will not be transferred to IHS until the PS/MOA are fully executed. Work on this planning project will not begin until financial contributions are received by IHS. BIA/BIE and the Hopi Tribe will decide whether these three systems should be connected to the HAMP after we look at the costs and benefits. If the water systems are connected to the HAMP, they would no longer need to operate complex arsenic removal water treatment plants, since HAMP water is naturally well below the maximum contaminant level of 10 ppb.

Lionel and Bill explained the Hopi Tribal Council will be considering the broad range of HAMP issues in smaller packages and that Councilman George Mace is taking the lead in bringing these separate issues to the Council. The major decisions include the proposed Tribal/Village agreements, setting up the Hopi Public Utility Commission and the Hopi Public Utility Authority, the USDA loan and grant application package, and the \$2 million Tribal contribution to the HAMP. The first order of business is the Tribal/Village agreements.

The Tribe had provided answers to EPA questions regarding two DWTSa project funding proposals, which were submitted last November. The proposals included continued funding of the construction phase of the HAMP and test water well drilling at Upper Moenkopi. We're waiting for funding decisions on these projects by EPA and we should know by about May 1, 2015.

Shungopavi

Bessie said EPA enforcement staff are considering an enforcement administrative order for the Hopi Cultural Center water system. We may want to consider adding the Cultural Center to the HAMP? There seemed to be some interest in extending the Shungopavi water system to the Cultural Center. The Village has discussed the potential use of up to \$200,000 of AML funds, although these funds may need to be expended by August 1, 2015? We feel that the full extension to the Cultural Center will be considerably more costly. Lionel will check to see if the AML funds, should they become available, need to be expended or just "obligated" by August 1. The Village will need to decide if they would want

their water system extended to and connected to the Cultural Center? Sandy said the previous CSA had wanted to connect the Cultural Center, but there was a question about whether the Kikmongwi had approved? If the water line is extended, will IHS be involved with planning and engineering? They had been involved in the previously planned extension to the north portion of Shungopavi, but this did not include extension all the way to the Cultural Center.

Lionel is working with the tank contractor and Village to finalize a date for repainting the elevated water storage tank.

Residential water meters are being purchased and will be installed shortly. Many houses already have meters.

Bessie said the villages that are out of compliance due to arsenic, since the compliance plans expired on January 23, 2015, will be receiving violation notices from EPA Enforcement. The Hopi Tribe received an enforcement letter of substantial interest on arsenic from EPA. She will talk to EPA enforcement staff and request a conference call with the villages, although Sandy asked for a face-to-face meeting instead.

Upper Moenkopi (UVM)

Wastewater

There have been no major problems with the wastewater collection system or treatment plant this month.

Drinking Water

The Village plans a meeting today to discuss reactivating the Moenkopi Utility Authority (MUA). This is the third recent meeting on this issue. To date, there has been little leadership (and public) support for MUA, because of the high costs of operations and the lack of revenue generated by residential water usage and corresponding low rates. Last Wednesday evening, the Village had a meeting to discuss water and sewer utility rate increases, with the assistance of RCAC. There were questions about the cost of operating the water treatment plant, deep C aquifer well, and wastewater treatment plant. These rate increases will be a "big jump" for most rate payers, so leadership is trying to build public understanding and develop public support. LeRoy said plan "B" may be to share costs with MDC, and leave operational responsibility with MDC. MDC has a large construction loan from the Tribe and there are discussions about the terms of repayment. It's been difficult for MDC to repay the Tribe, since MDC has subsidized operations of the water and sewer utilities for several years.

Cedric said the village hired a new operator who will be working on the water distribution system and wastewater collection system and will start work on April 6.

We are hopeful that EPA's Superfund program may fund all or part of the cost of a test well drilling project being proposed by USGS and advocated by the village and IHS. Other options may include the EPA DWTSA program, HUD or the Hopi Housing Authority.

John Hamilton, PE
EPA Engineering Consultant